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VOL. XLI, No. 1 **FIRST QUARTER 1993**

QUARTERLY ACTIVITY SUMMARY

January through March 1993

	January	February	March
Oil Produced (1st quarter 1993)	1,464,714	1,349,118	1,496,538
Oil Produced (same months, 1992)	1,599,084	1,487,089	1,602,908
Oil Shipped from Leases	1,468,585	1,343,432	1,508,519
Average Daily Oil Production	47,249	48,183	48,275
Water Produced (Barrels)	9,498,387	9,244,795	9,837,222
Associated Gas Produced (1st quarter 1993)	630,908	581,235	637,856
Associated Gas Produced (same months, 1992)	675,577	638,717	707,380
Natural Gas Produced (1st quarter 1993)	4,703,851	4,244,680	4,486,409
Natural Gas Produced (same months, 1992)	4,420,153	4,253,609	4,615,351
Drilling Permits Issued	8	11	6
Wells Completed	9	28	20
Oil Wells	1	5	10
Gas Wells	5	15	9
Dry Holes	2	8	1
Other	1	0	0
Barrels of Oil Refined	3,843,926	3,653,899	4,295,396
Oil Refined (daily average)	123,998	130,496	138,561

OIL PRODUCERS REPORT — FIRST QUARTER 1993

FIELD	FORMATION	Number of Wells	Oil Produced (BBLS)	Oil Shipped (BBLS)	Assoc. Gas Produced (MCF)	Water Produced (BBLS)
Anvil	Nisku	1	10,422	10,479	7,610	21,420
Anvil	Ratcliffe	2	2,872	3,025	3,070	7,100
Anvil	Red River	6	18,623	18,580	24,179	43,828
Anvil	Winnipegosis	1	1,884	1,830	1,480	13,272
Arch Apex	Sunburst	1	225	320	0	0
Ash Creek Sand Unit	Shannon	4	1,449	1,512	0	14,364
Bainville	Gunton	1	1,258	1,866	0	6,121
Bainville	Ratcliffe	1	1,673	1,735	100	1,945
Bainville	Red River	2	6,537	6,580	6,151	8,240
Bainville II	Red River	3	8,958	9,174	6,092	8,541
Bainville, North	Interlake	1	100	0	123	1,360
Bainville, North	Mission Canyon	1	6,703	6,231	2,667	10,070
Bainville, North	Nisku	1	10,809	10,816	6,471	12
Bainville, North	Ratcliffe	2	6,936	6,700	3,165	9,451
Bainville, North	Red River	3	25,111	24,854	18,694	1,285
Bainville, North	Winnipegosis	2	15,738	15,228	9,985	3,039
Bainville, West	Red River	1	1,488	1,301	1,329	1,455
Bannatyne	Madison	4	442	442	0	87
Bannatyne	Swift	17	1,328	1,498	0	53
Beanblossom	Lower Tyler	2	6,420	6,405	806	43,841
Bears Den	Swift	2	84	0	0	0
Bears Den Unit	Swift	5	6,273	5,753	0	2,983
Bell Creek	Muddy	2	840	439	0	9,729
Bell Creek (Consolidated Unit)	Muddy	25	40,477	40,857	1,112	1,047,076
Bell Creek (South Bell Creek Unit)	Muddy	6	7,156	7,156	421	8,713
Benrud, East	Nisku	2	7,225	6,950	3,960	117,974
Benrud, Northeast	Nisku	1	1,437	1,540	476	45,880
Berthelote	Sunburst	1	91	0	0	0
Big Muddy Creek	Red River	1	2,296	2,256	1,477	11,783
Big Wall	Amsden	4	4,941	4,929	0	570,820
Big Wall	Tyler	1	30	0	0	0
Big Wall (Lower Tyler Sand Unit)	Tyler	4	9,229	9,229	0	548,779
Big Wall (Upper Tyler Sand Unit)	Tyler	4	2,927	2,927	0	242,545
Black Diamond	Duperow	1	2,324	2,428	1,526	15,193
Black Diamond	Madison, Nisku	1	2,175	2,232	1,291	21,190
Blackfoot	Dakota	1	0	0	15	0
Blackfoot Unit	Cut Bank, Madison	7	8,635	8,502	0	29,818
Bloomfield	Dawson Bay	1	1,132	1,151	618	661
Bloomfield	Interlake	1	2,224	2,339	1,937	2,594
Bloomfield	Red River	2	1,870	1,824	2,604	8,117
Blue Mountain	Red River	1	737	865	0	1,524
Border	Cut Bank	3	623	744	0	0
Border	Moulton	1	50	7	0	0
Border (Old Border Unit)	Cut Bank	8	1,204	1,224	0	20,392
Bowes (Bowes Sawtooth Unit)	Sawtooth	49	40,531	41,349	0	162,686
Box Canyon	Red River	2	1,718	1,544	1,070	19,649
Bradley	Madison	1	392	0	0	98
Bradley	Sunburst	2	235	212	8,844	0
Brady	Burwash	1	180	180	0	0
Brady	Sunburst	8	1,381	1,384	0	0
Breed Creek	Tyler	10	19,631	20,071	583	27
Brorson	Madison	5	8,155	7,783	3,103	8,195
Brorson	Mission Canyon	3	6,497	6,788	5,175	2,910
Brorson	Ratcliffe	1	62	0	31	27
Brorson	Red River	3	7,681	7,857	7,418	6,045
Brorson, South	Bakken	2	10,234	10,417	6,577	2,821
Brorson, South	Madison	1	6,741	6,751	3,287	2,603
Brorson, South	Mission Canyon	3	7,244	7,249	2,279	3,656
Brorson, South	Red River	1	1,999	1,824	1,273	5,727
Brush Lake	Red River	3	9,758	9,859	4,584	6,763
Burget, East	Madison	1	1,057	915	0	909
Burget, East	Mission Canyon	1	1,453	1,421	0	1,305
Burget, East	Ratcliffe	1	1,168	1,311	0	2,114

OIL PRODUCERS REPORT — FIRST QUARTER 1993 (CONTINUED)

FIELD	FORMATION	Number of Wells	Oil Produced (BBLS)	Oil Shipped (BBLS)	Assoc. Gas Produced (MCF)	Water Produced (BBLS)
Burns Creek	Red River	1	862	902	0	4,053
Cabaret Coulee	Madison	2	5,239	4,898	0	20,568
Cabin Creek	Red River	7	13,734	13,578	7,078	134,054
Cabin Creek (Unit #1)	Red River	1	865	846	193	1,776
Cabin Creek (Unit #1)	Silurian-Ordovician	84	297,548	301,384	99,674	1,156,336
Cabin Creek (Unit #2)	Madison	4	8,727	8,727	5,264	666,756
Canal	Madison	2	3,138	3,196	1,032	3,350
Canal	Mission Canyon	1	1,576	1,324	2,497	6,806
Canal	Red River	1	2,968	2,993	5,124	1,695
Cannon Ball	Red River	1	946	942	1,118	6,216
Carlyle	Red River	1	1,901	1,865	0	9,041
Cat Creek, East Dome (Unit)	Ellis	10	1,469	1,403	0	8,733
Cat Creek, Mosby Dome (Unit)	Ellis	3	1,646	2,237	0	25,830
Cat Creek, West Dome	Cat Creek 2	3	134	95	0	10,668
Cat Creek, West Dome	Ellis	1	110	134	0	14,400
Cat Creek, West Dome	Morrison	2	446	471	0	53,326
Cat Creek, West Dome (Unit #1)	Cat Creek 1 & 2	18	6,270	6,779	0	230,856
Cat Creek, West Dome (Unit #2)	Cat Creek 1 & 2	10	1,343	1,618	0	70,342
Cattails	Ratcliffe	7	20,051	19,064	12,036	17,764
Cattails, South	Madison	2	2,693	2,594	4,204	6,004
Cattails, South	Ratcliffe	2	5,115	5,168	319	5,403
Charlie Creek	Red River	1	1,411	844	1,950	2,670
Charlie Creek, East	Red River	3	15,095	15,433	11,368	13,017
Clark's Fork	Greybull	0	192	187	0	0
Clear Lake	Mission Canyon	2	3,405	3,643	723	15,044
Clear Lake	Nisku	1	900	695	810	3,600
Clear Lake	Ratcliffe	3	6,363	6,613	1,407	32,253
Clear Lake	Red River	7	21,932	22,508	19,556	36,728
Clear Lake, South	Red River	1	2,336	2,345	529	5,213
Colored Canyon	Nisku	1	19	0	42	185
Colored Canyon	Red River	2	3,472	3,753	889	9,786
Comertown	Nisku	1	1,318	1,276	683	9,291
Comertown	Nisku, Duperow	1	3,341	3,384	764	12,966
Comertown	Ratcliffe	3	2,083	2,288	589	21,069
Comertown	Red River	3	16,000	16,818	6,056	13,368
Comertown, South	Red River	2	6,191	5,885	1,682	14,240
Conrad, South	Dakota	3	189	191	0	0
Conrad, South	Sunburst	2	374	374	0	0
Cottonwood	Ratcliffe	1	6,036	6,324	0	2,797
Cottonwood, East	Ratcliffe	1	3,047	3,043	1,088	2,610
Cow Creek, East	Kibbey	9	9,322	9,418	0	214,877
Crane	Devonian	2	9,047	9,082	25,149	10,181
Crane	Duperow	1	461	367	2,185	2,906
Crane	Red River	1	14,365	14,320	9,525	58,600
Crane	Red River, Interlake	1	7,691	7,716	4,693	82,815
Cupton	Red River	6	12,795	13,465	7,547	39,549
Cut Bank	Cut Bank	98	26,830	25,626	340	77,521
Cut Bank	Cut Bank, Madison	2	467	425	0	12,745
Cut Bank	Lander	2	47	45	0	743
Cut Bank	Madison	41	25,410	25,374	7,090	308,306
Cut Bank	Moulton	27	10,539	10,420	0	138
Cut Bank	Moulton, Sunburst	1	7	0	0	0
Cut Bank	Sunburst	7	355	893	0	0
Cut Bank (Marina West Sand Unit)	Cut Bank	2	18	0	0	48
Cut Bank (North Central Sand Unit)	Cut Bank	65	15,979	14,573	0	476
Cut Bank (Northeast Sandunit)	Cut Bank	26	4,990	4,924	1,220	0
Cut Bank (Northwest Sand Unit)	Cut Bank	2	644	610	0	411
Cut Bank (South Central Sand Unit)	Cut Bank	64	33,073	33,073	0	119,593
Cut Bank (South Darling Sand Unit)	Moulton	7	463	413	0	0
Cut Bank (South West Sand Unit)	Cut Bank	120	37,454	37,357	0	583,228
Cut Bank (Tesoro Sand Unit)	Cut Bank	25	1,500	1,500	45	10,500
Cut Bank (Tweedy South Sand Unit)	Cut Bank	2	527	766	0	1,008
Cut Bank (Two Medicine Sand Unit)	Cut Bank	38	6,243	6,211	0	61,090

OIL PRODUCERS REPORT — FIRST QUARTER 1993 (CONTINUED)

FIELD	FORMATION	Number of Wells	Oil Produced (BBLS)	Oil Shipped (BBLS)	Assoc. Gas Produced (MCF)	Water Produced (BBLS)
Dagmar	Red River	2	3,138	3,231	2,692	3,116
Deer Creek	Charles	1	2,225	2,252	568	1,115
Delphia	Amsden	3	1,050	1,050	0	0
Diamond Point	Interlake	1	16,756	16,582	14,213	0
Diamond Point	Red River	2	2,308	2,190	1,348	9,011
Divide	Madison	4	3,535	3,564	2,712	51,770
Divide	Ratcliffe	4	12,618	12,704	3,258	29,247
Divide	Red River	3	10,109	9,697	6,317	35,218
Dooley	Ratcliffe	4	6,514	6,470	3,936	77,903
Dry Creek	Frontier	0	110	0	0	13
Dry Creek	Greybull	1	202	0	19,651	0
Dry Creek	Judith River	0	99	0	0	12
Dry Creek	Virgelle	1	22	0	0	0
Dry Creek, Middle	Frontier	0	34	0	0	0
Dry Creek, West	Greybull	0	178	259	0	0
Dutch John Coulee	Sunburst	4	1,738	1,749	0	0
Dwyer	Nisku	1	1,280	1,134	1,408	20,871
Dwyer	Ratcliffe	2	2,838	2,746	0	32,424
Dwyer	Red River	3	18,417	18,668	6,165	35,092
Dwyer (Dwyer Unit)	Charles	6	12,064	12,547	2,635	25,842
Eagle	Duperow	1	2,257	2,334	1,600	9,733
Eagle	Madison	4	4,440	4,702	3,200	15,257
Eagle	Mission Canyon	3	3,488	3,761	2,210	13,784
Eagle	Ratcliffe	3	2,643	2,598	7,673	20,074
Eagle	Red River	1	1,184	1,312	5,088	9,442
East Glacier	Green Horn	1	200	245	0	0
Elk Basin (Embar-Tensleep)	Embar, Tensleep	20	78,837	78,837	59,709	28,820
Elk Basin (Frontier Unit)	Frontier	12	2,295	2,295	0	10,140
Elk Basin (Madison Unit)	Madison	14	59,640	59,640	15,543	452,403
Elk Basin, Northwest	Cloverly	1	602	602	0	0
Elk Basin, Northwest (Northwest Madison Unit)	Madison	7	23,114	23,114	11,913	248,317
Enid, North	Red River	2	5,210	5,680	3,538	9,740
Fairview	Madison	1	456	591	339	157
Fairview	Mission Canyon	3	2,120	2,164	1,754	4,108
Fairview	Ratcliffe	3	5,404	5,395	4,880	10,440
Fairview	Red River	5	10,300	10,508	16,017	19,334
Fairview (North West Unit)	Red River	5	15,461	14,691	40,606	13,760
Fairview, East	Winnipegosis	1	1,763	1,504	2,921	12,047
Fairview, West	Madison	1	3,773	3,865	133	1,690
Fertile Prairie	Red River	4	5,544	5,468	2,649	3,891
Fishhook	Madison	1	848	905	0	10,914
Fishhook	Red River	2	4,843	5,273	2,690	15,340
Flat Coulee	Swift	6	631	808	0	0
Flat Coulee (Swift Sand Unit)	Swift	14	20,073	20,126	2,007	117,804
Flat Lake	Madison	1	459	468	0	2,501
Flat Lake	Nisku	1	921	487	696	6,300
Flat Lake	Ratcliffe	7	16,420	16,471	2,029	61,845
Flat Lake (East Flat Lake Unit)	Ratcliffe	22	20,968	21,109	5,695	216,925
Flat Lake (West Flat Lake Unit)	Ratcliffe	6	7,058	7,377	3,148	29,087
Flat Lake, East	Madison	1	2,932	2,918	0	6,840
Flat Lake, South	Ratcliffe	3	2,767	2,956	357	20,991
Fort Gilbert	Madison	4	4,378	4,594	1,902	13,336
Fort Gilbert	Mission Canyon	5	1,725	2,038	665	7,794
Fort Gilbert	Red River	2	4,396	4,374	7,812	14,630
Four Mile Creek	Red River	1	2,064	1,765	1,337	2,632
Four Mile Creek, West	Red River	1	6,509	6,738	5,068	3,186
Fox Creek, North	Bakken	1	107	218	0	69
Fred & George Creek	Sunburst	8	1,368	1,466	41	0
Fred & George Creek	Swift	4	612	766	0	0
Fred & George Creek (Sunburst "A")	Sunburst	7	9,106	9,239	0	452,534
Froid, South	Red River	1	1,199	1,128	958	9,124
Gage	Amsden	2	542	397	0	133
Gas City	Red River	1	732	893	0	991
Gas City (Gas City Waterflood)	Madison	1	696	695	0	10,834

OIL PRODUCERS REPORT — FIRST QUARTER 1993 (CONTINUED)

FIELD	FORMATION	Number of Wells	Oil Produced (BBLS)	Oil Shipped (BBLS)	Assoc. Gas Produced (MCF)	Water Produced (BBLS)
Gas City (Gas City Waterflood)	Madison, Ordovician	1	1,405	1,405	0	8,632
Gas City (Gas City Waterflood)	Silurian-Ordovician	6	13,578	13,576	0	40,674
Girard	Bakken	1	663	671	0	8
Girard	Red River	1	5,149	5,031	2,532	2,271
Glendive	Red River	5	11,292	11,940	2,030	137,375
Glendive	Silurian-Ordovician	6	15,703	15,335	361	42,444
Glendive	Stoney Mountain	2	2,175	2,347	901	8,439
Golden Dome	Frontier	0	25	271	0	0
Golden Dome	Greybull	1	160	0	7,972	0
Goose Lake	Ratcliffe	11	14,950	15,173	2,253	159,054
Goose Lake	Red River	1	7,652	7,378	2,165	3,481
Goose Lake (North Goose Lake Unit)	Ratcliffe	11	10,906	11,368	974	193,369
Goose Lake, Southeast	Ratcliffe	1	1,427	1,292	1,375	22,355
Goose Lake, West	Red River	1	4,199	4,587	1,841	3,987
Gossett	Ratcliffe	1	1,061	1,051	0	7,001
Gossett	Red River	1	3,819	4,085	2,091	10,087
Graben Coulee	Cut Bank	60	9,825	10,075	0	57,405
Graben Coulee	Sunburst	8	1,174	1,119	0	1,699
Grandview, East	Swift	2	270	90	0	0
Gray Blanket	Tensleep	1	12,960	12,568	0	517
Green Coulee	Red River	1	1,716	1,827	0	9,603
Gumbo Ridge Unit	Tyler	1	299	453	0	9,966
Gunsight	Madison	1	1,192	1,244	0	1,482
Gunsight	Mission Canyon	1	2,606	2,655	2,520	14,065
Gunsight	Ratcliffe	1	1,201	1,123	0	7,799
Gypsy Basin	Madison	4	925	1,316	0	153
Hardscrabble Creek	Red River	1	1,169	1,142	1,238	7,341
Hay Creek	Mission Canyon	1	2,365	2,363	1,411	3,978
Hay Creek	Red River	1	3,279	3,282	3,441	11,491
Hiawatha	Tyler	1	2,578	2,591	206	15,535
Hiawatha	Tyler, Stensvad	1	1,200	1,225	180	9
High Five	Tyler	5	9,646	9,966	1,447	55,760
High Five Unit	Stensvad	9	10,107	10,070	270	393,271
Highview	Devonian	1	78	71	0	1,293
Highview	Madison	6	510	389	0	14,868
Highview	Sawtooth	1	78	71	0	1,276
Howard Coulee	Tyler	1	1,482	1,463	0	0
Intake II	Madison, Ordovician	1	1,463	1,566	2,139	8,336
Intake II	Mission Canyon	2	13,844	14,109	4,441	9,283
Ivanhoe	Amsden	1	218	318	0	2,020
Ivanhoe	Cat Creek 2	1	392	0	0	1,839
Ivanhoe	Morrison	1	504	483	0	2,995
Ivanhoe	Tyler	3	1,776	2,069	0	29,960
Jim Coulee Unit	Tyler	7	6,254	6,626	500	206,084
Katy Lake	Red River	1	2,031	2,085	15,955	7,573
Katy Lake, North	Madison	3	10,050	9,583	4,574	32,737
Katy Lake, North	Mission Canyon	1	4,861	5,100	2,142	47,154
Katy Lake, North	Nesson	1	1,197	1,242	294	18,318
Katy Lake, North	Red River	5	34,147	33,936	24,854	40,474
Keg Coulee	Tyler	1	1,027	1,040	0	2,880
Keg Coulee (Northwest Unit)	Tyler	1	3,812	4,040	0	18,892
Keg Coulee (Tyler "C" Sand Unit)	Lower Tyler	1	548	419	0	4,200
Keg Coulee (Tyler "C" Sand Unit)	Tyler	2	1,107	847	0	25,615
Kelley Unit	Tyler	1	824	899	0	22,201
Kevin Sunburst	Bow Island	1	8	0	0	0
Kevin Sunburst	Bow Island, Sunburst	0	14	0	0	3,157
Kevin Sunburst	Burwash	9	311	389	0	0
Kevin Sunburst	Ellis	15	888	885	0	0
Kevin Sunburst	Madison	681	52,105	52,959	3,479	228,577
Kevin Sunburst	Nisku	1	3	214	0	0
Kevin Sunburst	Sunburst	52	7,169	6,512	3,548	12,714
Kevin Sunburst	Swift	9	842	748	0	0
Kevin Sunburst (Ferdig Unit)	Swift	22	506	515	0	0
Kevin Sunburst (Homestake Sandunit)	Sunburst	30	8,686	8,651	0	63,445

OIL PRODUCERS REPORT — FIRST QUARTER 1993 (CONTINUED)

FIELD	FORMATION	Number of Wells	Oil Produced (BBLS)	Oil Shipped (BBLS)	Assoc. Gas Produced (MCF)	Water Produced (BBLS)
Kevin Sunburst (Texaco Sand Unit)	Sunburst	7	1,157	1,165	0	8,609
Kevin, East Nisku Oil	Nisku	13	11,422	12,008	4,443	0
Kincheloe Ranch, West (K. R. Unit)	Tyler	2	1,503	1,656	428	0
Kincheloe Ranch, West (Kincheloe Ranch Unit)	Tyler	4	6,009	6,064	1,671	87,204
Laird Creek(Laird Creek Unit)	Swift	7	926	899	96	211
Lambert	Red River	3	5,185	5,181	5,815	32,593
Landslide Butte	Madison	10	9,568	9,827	9,459	42,395
Leary	Muddy	3	2,269	2,210	835	33,247
Little Beaver	Silurian-Ordovician	1	0	0	90	1,800
Little Beaver (Cedar Creek ACU 8BA)	Red River	1	1,894	1,888	254	7,878
Little Beaver (Cedar Creek ACU 8BA)	Silurian-Ordovician	29	64,834	64,833	6,258	284,526
Little Beaver, East	Mission Canyon	1	5,256	5,256	185	13,610
Little Beaver, East (Cedar Crk Ut 8A)	Silurian-Ordovician	3	6,711	6,711	826	23,926
Little Beaver, East (Cedar Crk Ut 8BB)	Silurian-Ordovician	6	15,943	15,943	1,379	59,377
Little Phantom	Sunburst	1	145	0	0	0
Little Wall Creek	Tyler	3	5,654	5,312	1,935	97,972
Little Wall Creek	Tyler, Stensvad	2	1,890	2,314	162	4,644
Little Wall Creek (Weisner TSU)	Tyler, Stensvad	1	7,190	7,386	791	373
Little Wall Creek, South	Tyler	5	13,765	13,943	1,121	22,312
Little Wall Creek, South (Gunderson TSU)	Tyler	1	3,764	3,658	0	15,491
Little Wall Creek, South (Hamilton-Gunderson Unit)	Tyler	1	1,018	1,168	0	0
Little Wall Creek, South (South Little Wall Creek Unit)	Tyler	4	4,101	4,145	574	261,052
Lodge Grass	Tensleep	2	993	842	0	70
Lone Butte	Mission Canyon	2	5,959	6,070	3,686	2,753
Lone Butte	Red River	2	4,294	4,480	3,116	4,706
Lonetree Creek	Mission Canyon	2	2,634	2,884	545	1,066
Lonetree Creek	Red River	6	21,415	21,216	27,823	13,798
Long Creek	Charles C	1	550	550	0	600
Long Creek, West	Nisku	2	6,513	6,320	0	51,493
Lookout Butte	Red River	9	10,861	11,005	536	3,909
Lookout Butte	Silurian-Ordovician	2	7,360	7,360	866	57,660
Lookout Butte (Shell Waterflood Unit)	Madison	4	7,327	7,325	966	22,260
Lookout Butte (Coral Creek Unit)	Red River	6	17,516	17,509	4,478	19,322
Lookout Butte (Coral Creek Unit)	Silurian-Ordovician	22	65,924	65,915	8,395	223,711
Lookout Butte, East	Lodgepole	1	907	845	215	927
Lookout Butte, East	Red River	9	19,866	19,828	1,513	10,869
Lowell	Red River	2	1,893	2,391	344	6,375
Lustre	Charles	12	16,075	16,238	8,597	141,519
Lustre	Charles C	16	24,261	24,653	5,574	106,503
Lustre	Mission Canyon	7	6,063	6,082	1,781	89,759
Lustre	Ratcliffe	7	7,430	7,084	5,722	29,332
Lustre, North	Charles	1	3,353	3,357	696	6,145
Mason Lake	Cat Creek 1	2	1,602	2,163	0	1,868
McCabe	Ratcliffe	1	1,305	1,312	993	2,211
McCoy Creek	Red River	1	752	680	451	3,138
Medicine Lake	Duperow	1	3,330	3,415	10,513	3,469
Medicine Lake	Gunton	1	4,742	4,863	5,141	3,261
Medicine Lake	Interlake	1	1,357	1,371	791	56,463
Medicine Lake	Red River	3	11,012	10,984	11,729	17,831
Medicine Lake	Winnipegosis	2	7,261	6,999	2,840	98,030
Melstone	Tyler	2	1,618	1,737	0	14,550
Melstone (North Melstone Unit)	Tyler	5	9,937	9,974	5,267	99,630
Midfork	Charles C	4	10,348	10,770	647	6,115
Midfork	Madison, Nisku	1	1,097	1,142	899	4,307
Midfork	Nisku	1	2,577	2,502	1,068	10,092
Missouri Breaks	Red River	1	2,580	2,799	2,071	5,946
Mon Dak, West	Duperow	1	8,923	8,867	6,497	455
Mon Dak, West	Interlake	1	4,588	4,567	9,263	2,664
Mon Dak, West	Madison	14	22,772	22,945	17,777	58,247
Mon Dak, West	Madison, Ordovician	1	16,353	16,551	14,804	9,530
Mon Dak, West	Mission Canyon	2	1,531	1,754	514	9,936
Mon Dak, West	Ratcliffe	1	891	992	0	3,896
Mon Dak, West	Red River	2	11,586	11,510	9,775	9,743
Mon Dak, West	Silurian-Ordovician	3	23,041	23,186	22,976	11,065

OIL PRODUCERS REPORT — FIRST QUARTER 1993 (CONTINUED)

FIELD	FORMATION	Number of Wells	Oil Produced (BBLS)	Oil Shipped (BBLS)	Assoc. Gas Produced (MCF)	Water Produced (BBLS)
Mon Dak, West	Stoney Mountain	2	5,977	5,951	5,498	1,684
Mona	Red River	1	2,433	2,334	15,439	0
Monarch	Interlake	4	4,779	5,108	315	15,133
Monarch	Red River	2	4,372	4,665	2,279	2,097
Monarch	Red River, Interlake	1	846	917	0	3,083
Monarch	Silurian-Ordovician	6	11,113	10,531	1,191	19,897
Monarch (Monarch Water Flood Unit)	Silurian-Ordovician	4	8,024	8,545	1,718	11,776
Mosser Dome	Mosser Sand	23	1,722	1,722	0	0
Musselshell	Tyler	1	98	0	0	0
Mustang	Madison	1	1,813	1,693	463	1,376
Mustang	Red River	2	9,939	9,847	11,507	4,835
Neiser Creek	Red River	1	3,685	4,194	2,819	27,185
Nielsen Coulee	Madison	1	13,457	13,540	10,766	2,031
Nohly	Madison	2	25,736	25,986	11,970	7,787
Nohly	Mission Canyon	2	12,608	12,748	12,329	10,435
Nohly	Nisku	5	37,867	37,922	21,674	9,543
Nohly	Ratcliffe	4	12,431	12,378	6,380	8,386
Nohly	Red River	1	9,741	9,928	12,398	3,150
North Fork	Madison	1	750	750	0	1,500
North Fork	Mission Canyon	3	2,359	2,562	3,245	3,966
Olje	Mission Canyon	1	153	0	120	811
Ollie	Red River	1	1,310	1,375	520	4,286
Otis Creek	Ratcliffe	1	6,452	5,991	702	6,674
Otis Creek, South	Red River	1	2,032	2,026	2,028	8,547
Outlook	Duperow	1	5,492	5,494	4,250	394,612
Outlook	Gunton	1	789	790	0	18,214
Outlook	Interlake	1	2,833	2,833	3,188	288,650
Outlook	Nisku	1	1,613	1,616	1,027	36,596
Outlook	Winnipegosis	1	3	3	9	781
Outlook, West	Winnipegosis	1	5,918	5,914	0	13,969
Oxbow	Red River	1	4,319	3,944	4,543	1,966
Oxbow II	Red River	1	1,545	1,723	2,999	4,489
Palomino	Nisku	5	32,693	32,896	287	240,357
Pennel	Interlake	1	2,055	2,255	0	11,517
Pennel	Red River	11	20,922	21,202	1,311	38,095
Pennel	Silurian-Ordovician	1	1,650	1,800	1,257	11,948
Pennel Waterflood Unit	Red River	16	69,721	69,681	17,162	136,774
Pennel Waterflood Unit	Silurian-Ordovician	139	497,870	497,853	124,593	1,152,126
Pennel Waterflood Unit	Stoney Mountain	1	5,444	5,444	1,164	5,205
Pete Creek	Sunburst	1	146	0	0	0
Pine	Mission Canyon	1	1,995	1,908	243	9,954
Pine	Silurian-Ordovician	1	2,889	3,425	342	287
Pine ('A' & 'E' Units)	Silurian-Ordovician	82	237,076	239,921	60,021	1,796,955
Pine ('A' & 'E' Units)	Stoney Mountain	1	0	0	0	2,142
Pine (C Unit)	Silurian-Ordovician	17	23,780	23,780	4,665	169,696
Pondera	Madison	337	65,540	65,489	0	1,320,134
Pondera	Sun River	13	2,678	2,678	0	0
Pondera Coulee	Sun River	3	427	427	0	0
Poplar, East	Charles	3	1,897	2,037	0	62,443
Poplar, East	Charles B	1	375	269	0	30,236
Poplar, East	Charles C	1	988	971	0	22,685
Poplar, East	Heath	1	1,900	1,738	0	49,357
Poplar, East (East Poplar Unit)	Madison	38	31,609	31,541	0	1,243,578
Poplar, Northwest	Charles	12	23,006	22,744	18,193	114,759
Poplar, Northwest	Charles B	1	855	845	0	24,776
Poplar, Northwest	Charles C	9	7,365	7,576	4,597	32,511
Poplar, Northwest	Madison	1	271	418	0	7,412
Prairie Dell	Bow Island, Sunburst	2	18	0	0	0
Prairie Elk	Charles C	1	600	600	0	1,800
Pronghorn	Red River	1	2,895	2,705	343	2,904
Putnam	Bakken	1	668	557	0	19
Putnam	Interlake	2	7,223	7,212	1,397	14,784
Putnam	Madison	1	1,293	1,451	453	1,160
Putnam	Mission Canyon	7	13,906	14,057	4,436	15,758

OIL PRODUCERS REPORT — FIRST QUARTER 1993 (CONTINUED)

FIELD	FORMATION	Number of Wells	Oil Produced (BBLS)	Oil Shipped (BBLS)	Assoc. Gas Produced (MCF)	Water Produced (BBLS)
Putnam	Ratcliffe	1	1,009	869	0	735
Putnam	Red River	3	3,436	3,643	5,391	7,036
Putnam	Red River, Interlake	1	4,614	4,399	3,051	12,634
Rabbit Hills	Sawtooth	2	313	197	0	0
Rabbit Hills, Northeast	Sawtooth	11	32,637	34,092	0	13,885
Rabbit Hills, Southwest	Sawtooth	1	2,575	2,624	0	10,695
Ragged Point (Tyler "A" Sand Unit)	Tyler	3	1,539	1,825	0	37,590
Ragged Point, Southwest (Southwest Unit)	Tyler	7	10,615	10,531	0	286,437
Rainbow	Red River	1	1,693	1,760	4,170	8,829
Rattler Butte	Tyler	4	5,257	4,978	1,722	6,285
Rattlesnake Butte	Amsden	5	2,682	2,605	0	167,706
Rattlesnake Butte	Cat Creek 1	2	2,862	2,934	1,080	8,401
Rattlesnake Butte	Cat Creek 2	1	993	928	0	27,750
Raymond	Duperow	1	2,864	2,841	51,626	0
Raymond	Mississippian	3	1,679	1,664	456	100,243
Raymond	Red River	2	4,540	4,503	1,057	29,560
Raymond	Winnipegosis	2	8,968	8,903	458	34,886
Raymond (Raymond Nisku Unit)	Nisku	3	5,173	5,115	36,523	11,123
Reagan	Madison	1	281	205	172	334
Reagan (Tribal Unit #194)	Madison	22	11,800	11,800	22,849	64,217
Reagan (Tribal Unit #355)	Madison	28	16,948	16,948	18,446	68,602
Red Bank	Madison	4	6,478	6,250	693	14,945
Red Bank	Mission Canyon	3	6,079	5,965	2,160	2,276
Red Bank	Ratcliffe	2	3,430	3,296	739	16,863
Red Bank	Red River	1	1,338	1,355	0	301
Red Bank, South	Red River	1	2,378	2,181	2,031	8,334
Red Creek Unit	Cut Bank	1	524	528	0	14,662
Red Creek Unit	Cut Bank, Madison	7	11,406	11,506	946	448,530
Red Creek Unit	Madison	3	1,355	1,366	279	41,071
Red Water	Bakken	1	1,290	1,317	0	8
Red Water, East	Red River	1	1,910	1,983	1,772	7,905
Refuge	Red River	1	1,861	1,727	1,718	6,385
Reserve	Red River	1	1,384	830	1,246	19,477
Reserve II	Interlake	1	988	912	42	0
Reserve II	Red River	1	1,325	1,223	1,000	1,573
Richey	Charles	2	148	0	0	220
Richey, Southwest (Unit)	Interlake	1	8	0	0	40
Ridgelawn	Madison	3	1,188	1,306	271	3,122
Ridgelawn	Mission Canyon	8	12,565	12,801	6,927	22,776
Ridgelawn	Ratcliffe	5	6,547	6,916	3,369	14,855
Ridgelawn	Red River	3	13,384	13,968	16,461	12,468
Ridgelawn (Duperow Unit)	Duperow	5	32,940	32,817	26,776	62,928
Ridgelawn, North	Madison	1	10,159	10,286	7,453	18,719
RipRap Coulee	Ratcliffe	5	9,538	9,629	6,415	12,101
River Bend	Red River	1	2,652	2,720	2,937	776
Rocky Point	Red River	1	4,213	3,782	5,446	1,463
Rosebud Unit	Tyler	3	1,594	1,568	0	0
Royals	Dawson Bay	1	2,447	2,497	0	3,276
Rush Mountain	Winnipegosis	1	1,699	1,555	809	61,048
Salt Lake	Gunton	1	2,342	2,493	0	372
Salt Lake	Nisku	2	1,914	1,666	0	5,403
Salt Lake	Red River	2	13,025	13,102	325	5,457
Salt Lake, West	Ratcliffe	1	7,899	7,629	0	115,019
Second Creek	Mission Canyon	1	482	489	0	1,617
Second Creek	Red River	3	5,853	5,948	6,382	14,677
Second Guess	Madison	2	542	445	0	0
Shotgun Creek	Mission Canyon	1	74	80	0	1,098
Shotgun Creek	Ratcliffe	3	3,902	3,848	0	20,138
Sidney	Madison	7	4,629	4,746	3,910	16,307
Sidney	Mission Canyon	4	2,069	2,082	0	4,828
Sidney	Ratcliffe	3	4,403	4,577	2,454	8,519
Sidney	Red River	2	3,170	3,465	6,775	13,770
Sidney, East	Madison	2	1,125	1,194	553	6,245
Singletree	Nisku	1	5,550	5,508	4,187	1,740

OIL PRODUCERS REPORT — FIRST QUARTER 1993 (CONTINUED)

FIELD	FORMATION	Number of Wells	Oil Produced (BBLS)	Oil Shipped (BBLS)	Assoc. Gas Produced (MCF)	Water Produced (BBLS)
Sioux Pass	Red River	4	6,813	7,212	6,447	3,919
Sioux Pass	Red River, Interlake	3	14,186	14,106	13,023	3,015
Sioux Pass, Middle	Red River	5	9,566	8,983	9,624	4,642
Sioux Pass, North	Madison	3	4,431	4,642	2,298	10,854
Sioux Pass, North	Ratcliffe	3	6,031	5,580	1,787	5,072
Sioux Pass, North	Red River	9	28,733	28,126	31,311	7,090
Sioux Pass, North	Red River, Nisku	1	1,394	1,260	2,102	619
Sioux Pass, South	Red River	2	4,155	4,216	5,563	7,162
Snoose Coulee	Bow Island	1	102	138	2,872	0
Snoose Coulee	Sunburst	1	16	72	0	0
Snyder	Tensleep	3	261	174	0	11,191
Soap Creek	Amsden	1	1,191	1,082	0	14,876
Soap Creek	Madison	16	6,585	6,795	0	788,996
Soap Creek	Madison, Amsden	5	1,331	1,234	0	126,721
Soap Creek	Tensleep	9	826	1,179	0	15
Soap Creek, East	Tensleep	3	1,858	1,861	0	17,423
South Fork	Mission Canyon	1	1,842	1,922	0	1,291
South Fork	Red River	2	2,965	3,123	3,539	8,301
Spring Lake	Bakken	3	4,812	4,616	1,368	0
Spring Lake	Red River	1	1,447	1,689	3,204	6,532
Spring Lake, West	Bakken	1	1,121	922	1,320	38
Stampede	Bakken	1	671	697	1,408	42
Stampede	Red River	1	3,791	3,892	5,096	5,414
Stensvad Unit	Tyler	7	3,588	3,380	0	38,624
Studhorse	Tyler	1	511	224	0	12,394
Sumatra	Amsden	2	500	405	0	35
Sumatra	Heath	1	168	195	0	0
Sumatra	Lower Tyler	3	1,122	847	0	2,334
Sumatra	Tyler	6	4,781	5,050	178	53,662
Sumatra (Central Sumatra Sand Unit)	Tyler	12	30,843	30,843	0	1,896,146
Sumatra (Grebe-Tyler Sand Unit)	Tyler	2	819	718	0	17,502
Sumatra (Kincheloe Waterflood Unit)	Tyler	9	12,672	12,953	0	439,657
Sumatra (Northeast Sumatra Unit)	Tyler	5	3,938	3,938	0	148,741
Sumatra (Sawyer Waterflood Unit)	Lower Tyler	2	646	317	0	0
Sumatra (Southeast Sumatra Unit)	Lower Tyler	5	4,777	4,739	0	65,740
Sumatra (Southeast Sumatra Unit)	Tyler	7	9,275	9,202	0	143,168
Sumatra (West Sumatra Unit)	Tyler	4	7,767	7,767	0	486,056
Sunny Hill	Madison	2	1,299	1,564	0	3,116
Sunny Hill	Red River	1	190	0	0	1,595
Sunny Hill, West	Red River	1	961	1,137	804	4,699
Target	Madison, Nisku	0	0	645	0	0
Target	Nisku	1	13,063	13,360	8,188	9,931
Target	Ratcliffe	3	2,738	3,100	0	12,002
Three Buttes	Bakken	1	625	745	0	0
Three Buttes	Red River	1	2,622	2,753	2,761	339
Tinder Box	Tyler	1	284	215	0	0
Tippy Buttes	Tyler	0	0	63	0	0
Tule Creek	Devonian	1	5,711	5,478	2,430	131,841
Tule Creek	Nisku	2	3,392	3,438	425	99,442
Tule Creek, East	Nisku	1	1,084	917	1,473	112,702
Tule Creek, South	Nisku	1	2,712	2,834	0	18,828
Two Waters	Bakken	3	1,836	1,898	419	7
Utopia ("Utopia Swift Sand" Unit)	Swift	21	6,521	6,166	4,965	323
Vaux	Bakken	2	6,280	6,584	9,645	129
Vaux	Dawson Bay	1	1,696	1,642	1,592	4,480
Vaux	Interlake	2	5,000	5,204	1,120	5,071
Vaux	Madison	10	15,522	14,866	16,558	18,881
Vaux	Mission Canyon	4	6,171	6,393	3,568	11,962
Vaux	Ratcliffe	2	851	877	117	2,403
Vaux	Red River	2	7,178	7,347	8,193	14,017
Vaux	Stonewall	1	3,656	3,658	3,182	6,999
Volt	Madison	1	381	378	0	1,844
Volt	Nisku	4	17,561	17,853	0	172,652
Wakea	Nisku	3	7,162	7,119	3,827	14,947

OIL PRODUCERS REPORT — FIRST QUARTER 1993 (CONTINUED)

FIELD	FORMATION	Number of Wells	Oil Produced (BBLS)	Oil Shipped (BBLS)	Assoc. Gas Produced (MCF)	Water Produced (BBLS)
Wakea	Nisku, Duperow	1	4,909	4,909	1,054	13,484
Wakea	Red River	3	11,642	11,581	5,805	40,548
Wakea	Winnipegosis	2	3,089	3,105	1,261	4,507
Weed Creek	Amsden	1	412	392	185	27,000
West Butte	Sunburst	1	360	358	0	0
Weygand	Sawtooth	3	3,174	3,462	0	0
Whitlash	Bow Island	4	400	400	0	0
Whitlash	Dakota	6	449	373	1,171	23
Whitlash	Swift	20	2,732	2,522	3,755	63
Whitlash	Swift, Sunburst	18	5,008	5,099	7,720	269
Whitlash, West	Sunburst	0	147	0	0	67
Whitlash, West	Swift, Sunburst	1	201	273	0	0
Willow Creek, North	Tyler	3	2,158	1,834	0	2,518
Willow Ridge	Burwash	4	411	412	0	0
Wills Creek, South	Silurian-Ordovician	2	4,118	4,818	1,302	12,785
Windmill	Red River	1	97	0	55	2
Winnett Junction Unit	Tyler	3	5,186	5,299	0	101,494
Wolf Springs	Amsden	6	4,620	4,554	0	153,750
Wolf Springs, South	Amsden	1	2,819	2,559	0	406
Woodrow	Charles	1	1,772	1,898	540	1,832
Woodrow	Interlake	1	1,970	2,110	540	183
Wrangler	Red River	2	7,211	7,326	9,026	12,916
Wrangler, North	Red River	1	1,202	1,172	225	4,571
Wright Creek	Muddy	5	2,217	1,670	0	22,553
Wildcat Roosevelt	Nisku	1	7,890	7,448	4,734	1,074
TOTAL		**3,794**	**4,303,591**	**4,320,390**	**1,846,156**	**28,543,124**

NATURAL GAS PRODUCED
FIRST QUARTER 1993

FIELD	NO. OF WELLS	MCF
Alma	1	109
Amanda	17	80,507
Arch Apex	40	110,563
Ashfield	109	400,036
Badlands	7	41,296
Battle Creek	57	525,135
Bears Den	3	6,057
Bell Creek, Southeast	2	151,738
Big Coulee	6	68,451
Big Rock Gas Field	37	112,524
Black Butte	1	20,485
Black Coulee	7	81,670
Blackfoot	7	17,131
Blackjack	14	25,962
Border	2	2,895
Bowdoin & Area	375	827,216
Bowes	38	116,751
Bradley	1	729
Browns Coulee, East	2	17,853
Bullwacker	44	217,499
Camp Creek	1	4,146
Canadian Coulee, North	1	943
Cedar Creek	82	322,109
Clark's Fork	1	5,729
Coal Coulee	1	3,089
Coal Mine Coulee	5	10,643
Cut Bank	215	756,523
Devon	22	35,054
Devon, East	2	5,540
Devon, South Unit	1	2,472
Dry Creek	18	153,082
Dry Creek(Shallow Gas)	1	22,556
Dry Creek, Middle	2	6,307
Dry Creek, West	1	6,120
Dry Fork	6	6,682
Dunkirk	15	42,369
Dunkirk, North	34	90,752
Dutch John Coulee	0	21,085
Eagle Springs	5	3,451
Ethridge	8	36,201
Ethridge, North	4	13,190
Fitzpatrick Lake	8	27,475
Flat Coulee	6	23,235
Fort Conrad	15	9,658
Fred & George Creek	4	15,563
Fresno & Area	1	3,453
Galata	7	17,149
Gold Butte	1	387
Golden Dome	7	12,674
Grandview	5	8,347
Hardpan	6	13,395
Havre	1	10,376
Haystack Butte	4	9,680
Haystack Butte, West	4	22,504
Keith Area	4	7,327
Keith, East	20	149,974
Kevin Area	2	5,767
Kevin Southwest	27	79,493
Kevin Sunburst	106	210,140
Kevin Sunburst (Dakota)	1	14,430
Kevin Sunburst-Bow Island	7	20,240
Kevin Sunburst, Nisku & Area	1	22,951
Kevin, East Bow Island Gas	6	8,702
Kevin, East Nisku Oil	2	16,803
Kicking Horse	16	38,854
Kinyon Coulee Area	2	3,358
Kippen Area, East	1	3,508
Ledger	47	42,849
Leroy	19	73,073
Liscom Creek	7	16,966
Little Creek	3	9,129
Little Rock	11	22,443
Lohman	4	50,073
Loring	183	600,193
Loring, East	93	133,564
Loring, West	3	8,678
Marias River	18	8,358
Middle Butte	4	13,845
Miners Coulee	17	25,685
Mt Lilly	2	3,317
O'Briens Coulee	14	64,290
Old Shelby	78	392,769
Phantom	2	5,756
Phantom, West	2	9,480
Police Coulee	7	13,145
Prairie Dell	101	252,633
Prairie Dell, West	4	9,778
Rattlesnake Coulee	1	92
Red Rock	5	166,502
Rocky Boy Area	3	12,892
Rudyard	4	22,092
Sage Creek	15	33,022
Sawtooth Mountain & Area	32	213,439
Shelby Area	3	6,215
Sherard	6	7,793
Sherard, Area	28	360,158
Sixshooter Dome	2	197,254
Snoose Coulee	8	8,757
Soberup Coulee	1	210
Strawberry Creek Area	3	18,679
Swanson Creek	62	84,905
Sweetgrass	1	175
Sweetgrass Area	1	6,765
Three Mile	2	23,938
Tiber	1	9
Tiber, East	7	16,919
Tiger Ridge	268	4,122,051
Timber Creek, West	1	6,861
Trail Creek	6	43,014
Utopia	4	15,590
Vandalia	8	10,663
West Butte	3	6,998
West Butte Shallow Gas	2	3,845
Whitewater	234	691,056
Whitewater, East	23	75,663
Whitlash	35	121,432
Whitlash, West	5	4,883
Williams	16	30,094
Willow Ridge	12	73,700
Willow Ridge, South	1	56,231
Willow Ridge, West	4	2,363
Wildcat Stillwater	1	40,417
Wildcat Toole	7	66,146
TOTAL	**2,893**	**13,434,940**

OIL IN STORAGE

	PRODUCERS FIELD TANKS	TRANSPORTERS STORAGE	REFINERS STORAGE	TOTAL IN STORAGE
December 1992	360,225	1,580,327	470,328	2,410,880
January 1993	349,871	1,815,520	456,292	2,621,683
February 1993	348,406	1,926,234	578,748	2,853,388
March 1993	329,690	1,715,369	540,588	2,585,647

REFINERS' REPORT
FIRST QUARTER 1993

COMPANY	BEGINNING STORAGE	MONTANA OIL	WYOMING OIL	CANADA OIL	REFINED	ENDING STORAGE
Cenex	163,524	475,324	1,271,476	1,769,851	3,452,675	227,500
Continental Oil Company	140,207	97,057	582,345	3,456,527	4,126,302	149,834
Exxon Company	155,541	111,458	2,018,473	1,475,041	3,609,635	150,878
Montana Refining Co.	11,056	117,065	-0-	488,864	604,609	12,376
TOTALS	**470,328**	**800,904**	**3,872,294**	**7,190,283**	**11,793,221**	**540,588**

DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATION
OIL & GAS CONSERVATION DIVISION
STATE OF MONTANA
BOARD OF OIL & GAS CONSERVATION
1520 EAST SIXTH AVENUE
HELENA, MONTANA 59620-2301